

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
 Data File : BF090314.D
 Acq On : 30 Sep 2016 15:19
 Operator : UM/SJ
 Sample : H4998-13
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B046-6-9

Quant Time: Sep 30 16:13:46 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 30 16:07:20 2016
 Response via : Initial Calibration

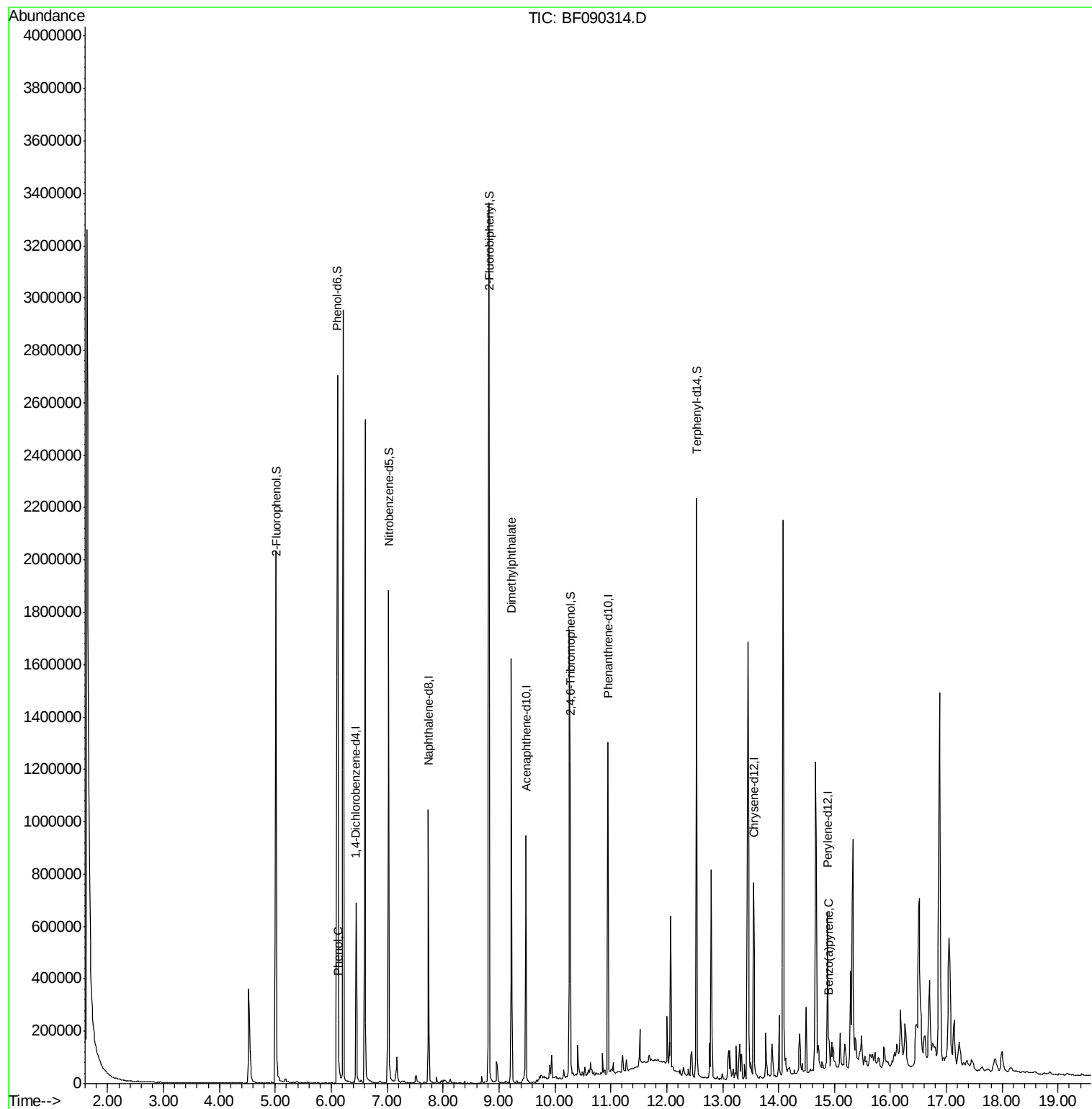
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.44	152	121283	20.00	ng	-0.01
21) Naphthalene-d8	7.74	136	500253	20.00	ng	-0.01
38) Acenaphthene-d10	9.48	164	287421	20.00	ng	0.00
63) Phenanthrene-d10	10.95	188	447653	20.00	ng	0.00
75) Chrysene-d12	13.55	240	306540	20.00	ng	-0.01
86) Perylene-d12	14.88	264	256309	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	1043834	140.29	ng	0.02
7) Phenol-d6	6.11	99	1320912	143.75	ng	0.00
23) Nitrobenzene-d5	7.03	82	882769	102.29	ng	0.00
41) 2,4,6-Tribromophenol	10.27	330	345551	140.14	ng	0.00
44) 2-Fluorobiphenyl	8.82	172	1196960	81.76	ng	0.00
78) Terphenyl-d14	12.54	244	866094	71.73	ng	0.00
Target Compounds						
10) Phenol	6.12	94	31182	2.87	ng	# 63
49) Dimethylphthalate	9.22	163	755135	41.25	ng	98
89) Benzo(a)pyrene	14.90	252	38186	2.86	ng	# 94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.01 min

Lab File: BF090314.D

Acq: 30 Sep 2016 15:19

Instrument :

BNA_F

ClientSampleId :

SUP-B046-6-9

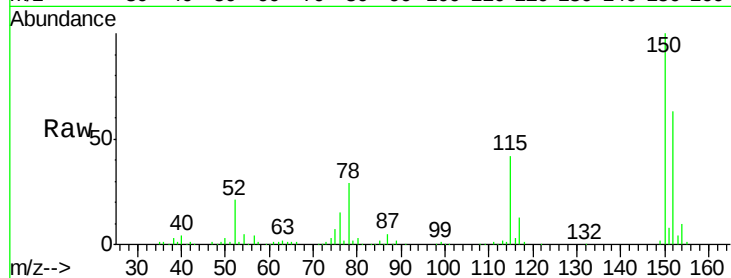
Tot Ion:152 Resp: 121283

Ion Ratio Lower Upper

152 100

150 158.4 128.9 193.3

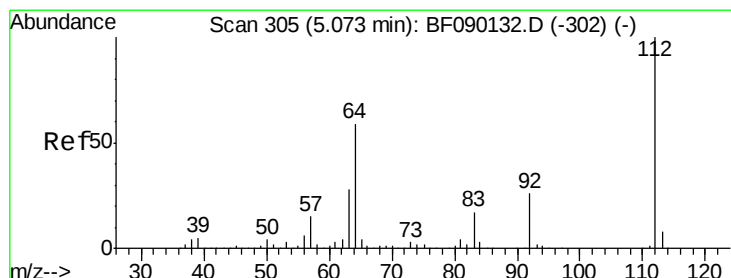
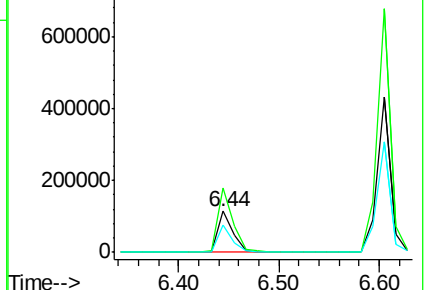
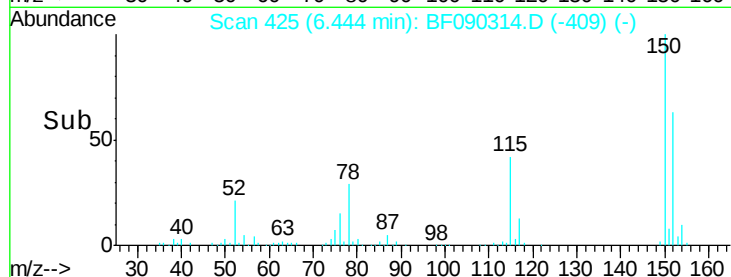
115 66.8 55.5 83.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 140.29 ng

RT: 5.02 min Scan# 300

Delta R.T. 0.02 min

Lab File: BF090314.D

Acq: 30 Sep 2016 15:19

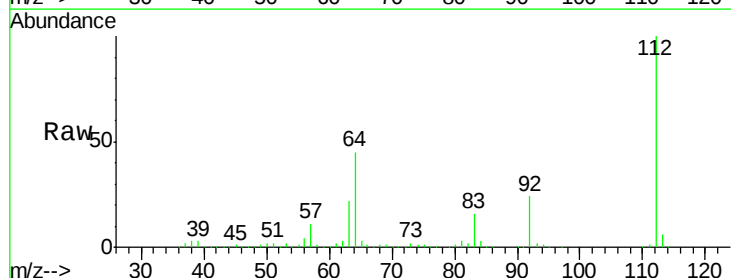
Tgt Ion:112 Resp: 1043834

Ion Ratio Lower Upper

112 100

64 44.5 39.8 59.6

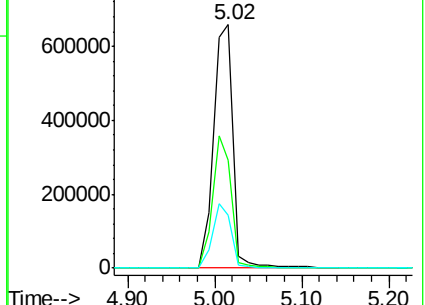
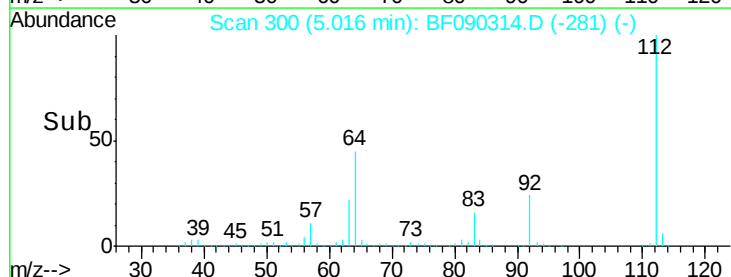
63 21.7 18.9 28.3

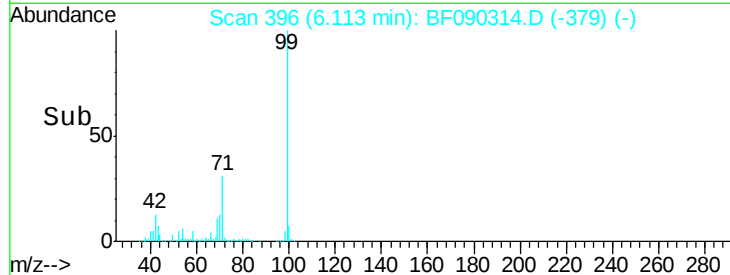
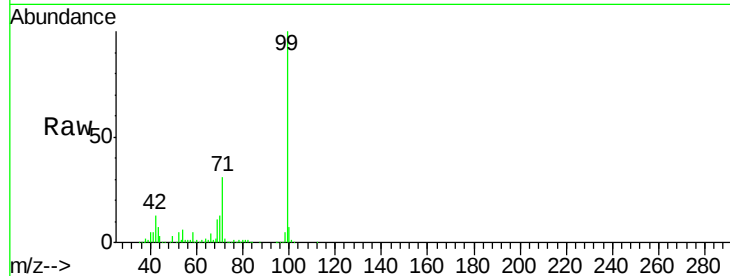


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 143.75 ng

RT: 6.11 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF090314.D

Acq: 30 Sep 2016 15:19

Instrument :

BNA_F

ClientSampleId :

SUP-B046-6-9

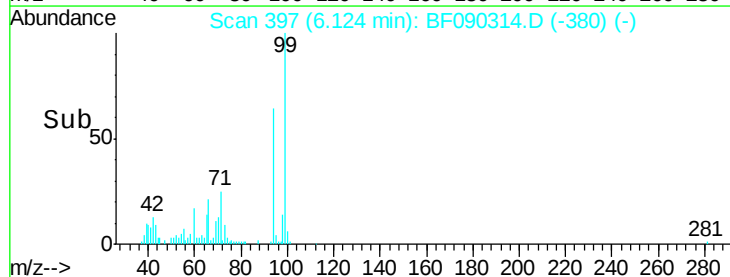
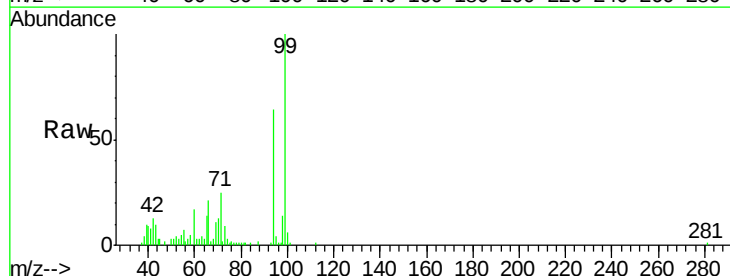
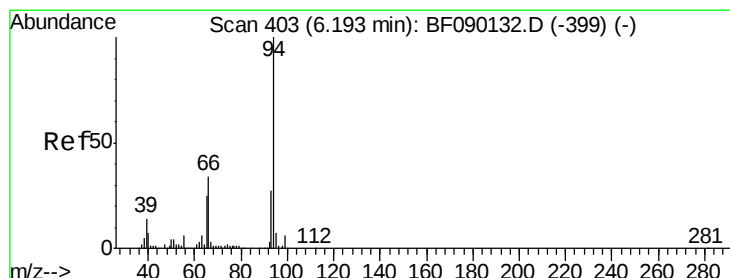
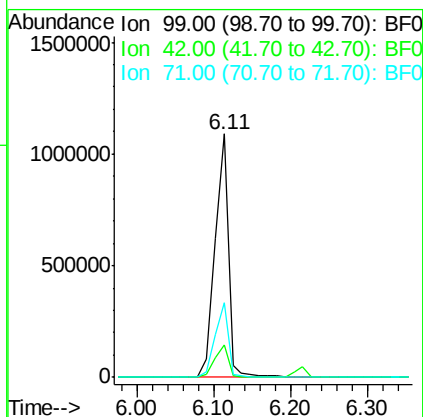
Tot Ion: 99 Resp: 1320912

Ion Ratio Lower Upper

99 100

42 13.4 10.6 15.8

71 30.8 23.0 34.6



#10

Phenol

Concen: 2.87 ng

RT: 6.12 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF090314.D

Acq: 30 Sep 2016 15:19

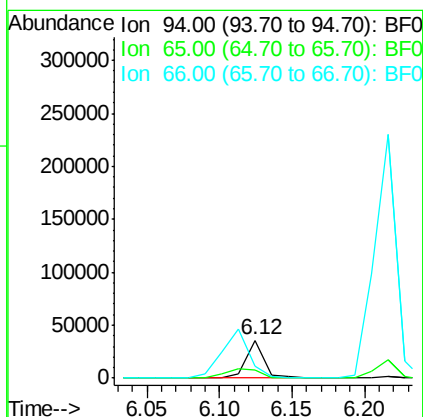
Tgt Ion: 94 Resp: 31182

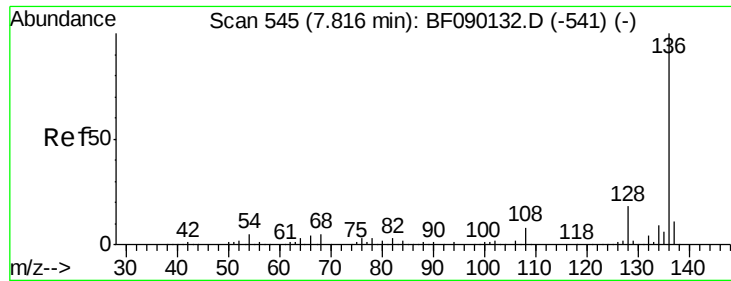
Ion Ratio Lower Upper

94 100

65 22.5 20.6 60.6

66 32.4 45.1 85.1#

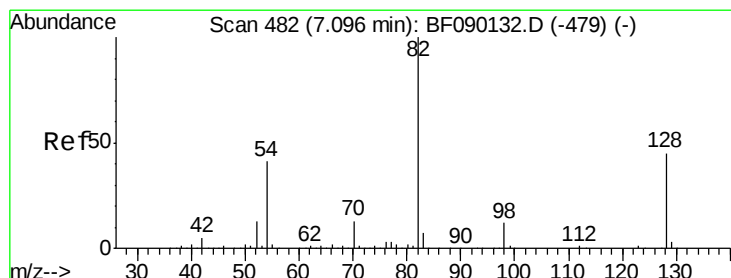
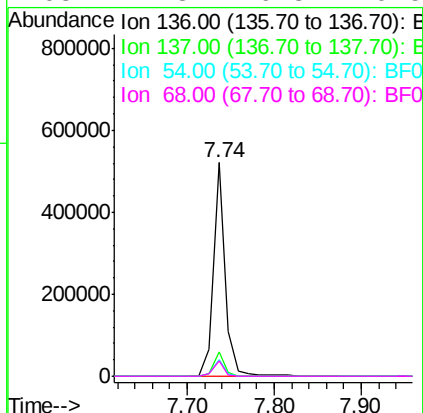
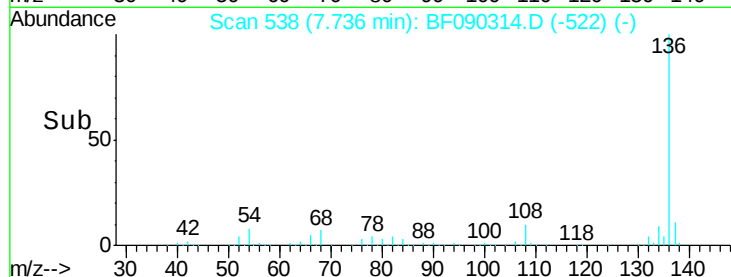
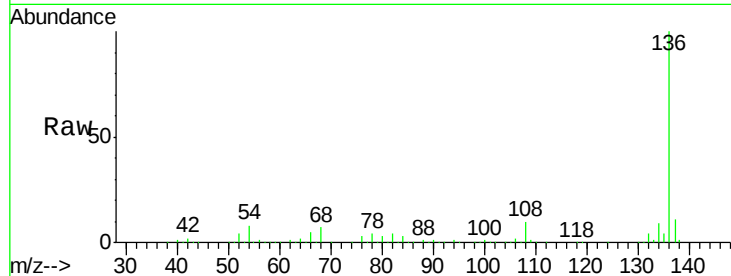




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF090314.D
Acq: 30 Sep 2016 15:19

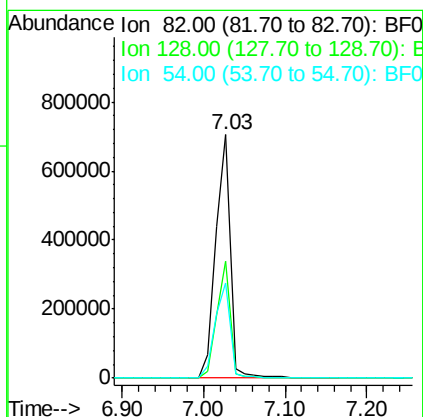
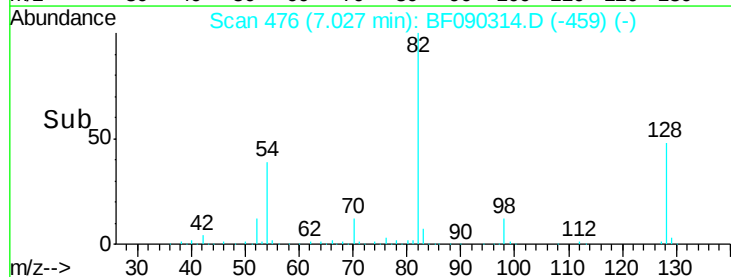
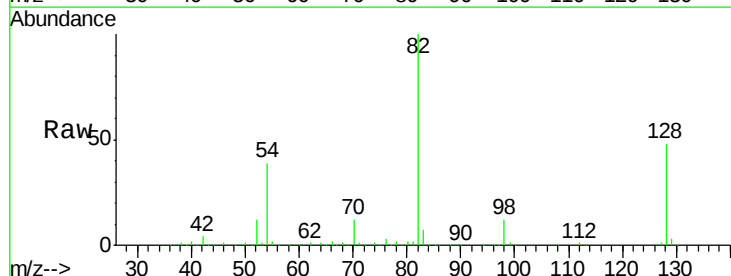
Instrument :
BNA_F
ClientSampleId :
SUP-B046-6-9

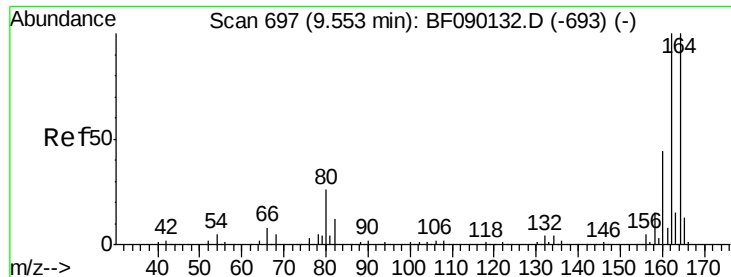
Tot Ion:136	Resp:	500253
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.0 13.4
54	7.8	6.4 9.6
68	7.3	6.3 9.5



#23
Nitrobenzene-d5
Concen: 102.29 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.00 min
Lab File: BF090314.D
Acq: 30 Sep 2016 15:19

Tgt Ion: 82	Resp:	882769
Ion Ratio	Lower	Upper
82	100	
128	48.0	37.5 56.3
54	39.1	31.9 47.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.48 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF090314.D

Acq: 30 Sep 2016 15:19

Instrument :

BNA_F

ClientSampleId :

SUP-B046-6-9

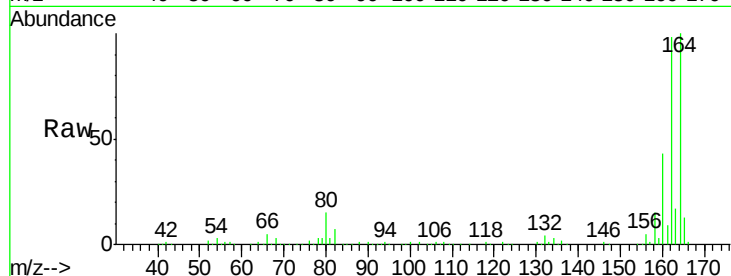
Tot Ion:164 Resp: 287421

Ion Ratio Lower Upper

164 100

162 97.9 81.4 122.2

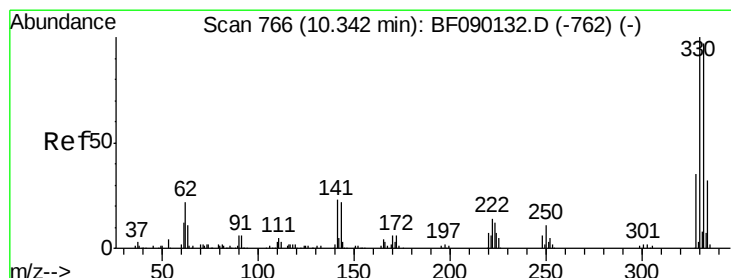
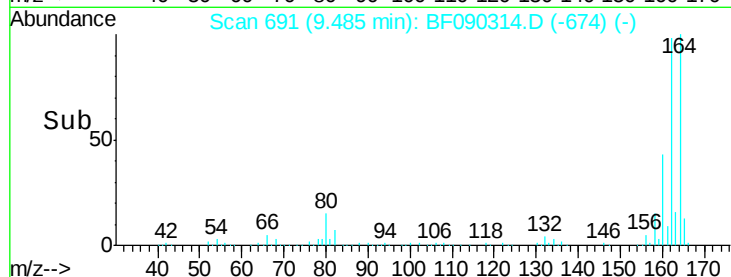
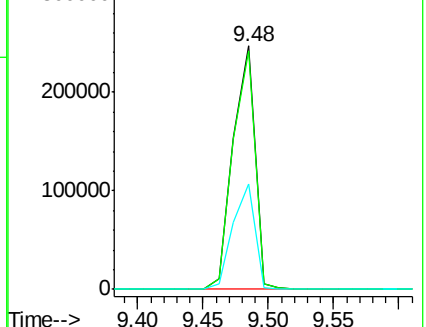
160 43.3 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 140.14 ng

RT: 10.27 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF090314.D

Acq: 30 Sep 2016 15:19

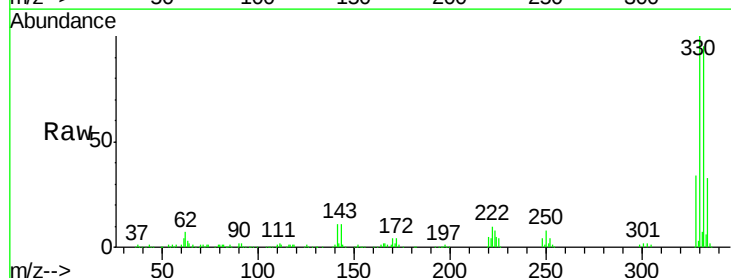
Tgt Ion:330 Resp: 345551

Ion Ratio Lower Upper

330 100

332 95.7 78.1 117.1

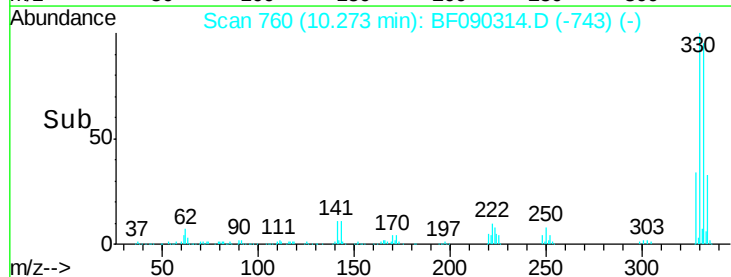
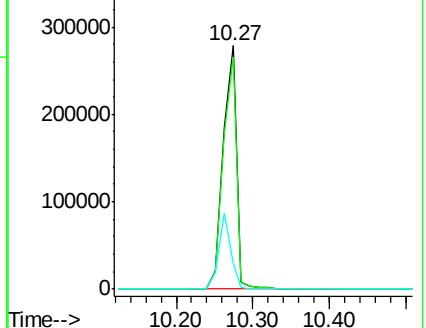
141 28.2 23.9 35.9

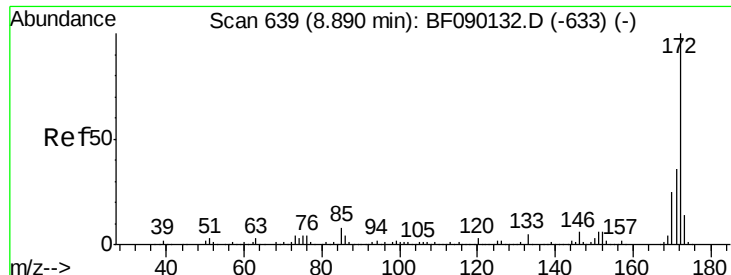


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

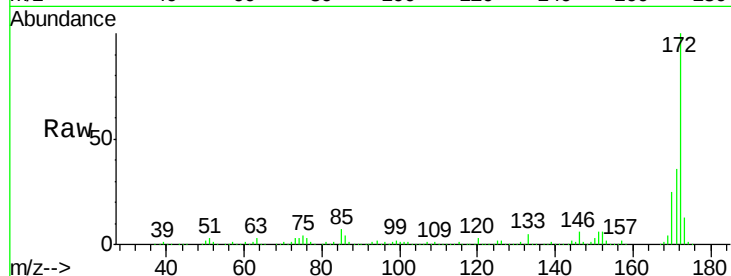




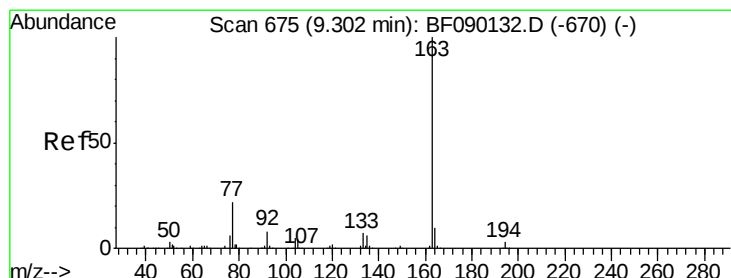
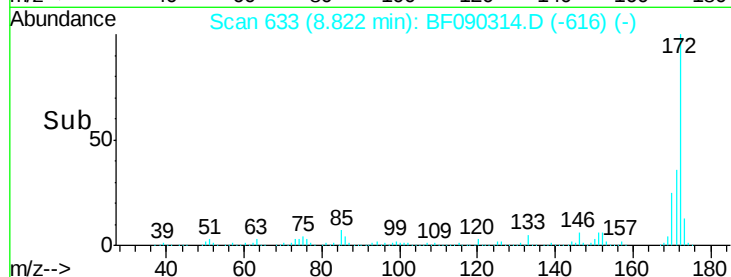
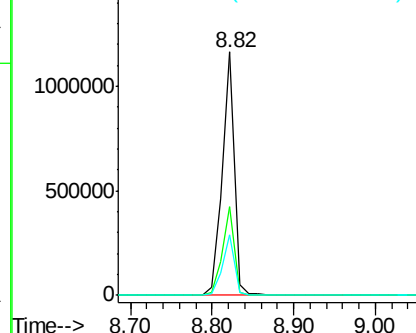
#44
2-Fluorobiphenyl
Concen: 81.76 ng
RT: 8.82 min Scan# 633
Delta R.T. -0.00 min
Lab File: BF090314.D
Acq: 30 Sep 2016 15:19

Instrument :
BNA_F
ClientSampleId :
SUP-B046-6-9

Tot Ion:172 Resp: 1196960
Ion Ratio Lower Upper
172 100
171 36.4 29.2 43.8
170 24.8 19.8 29.8

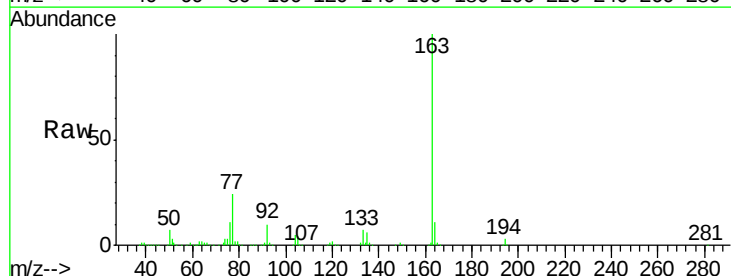


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

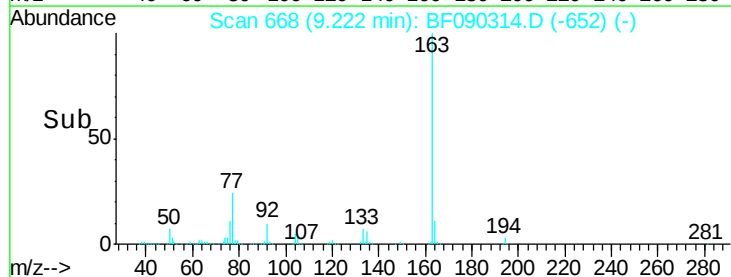
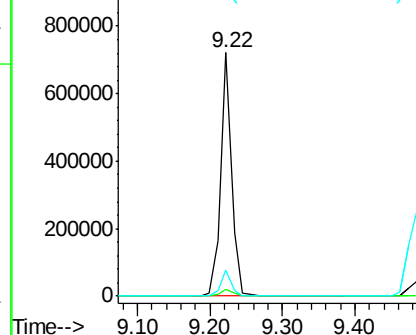


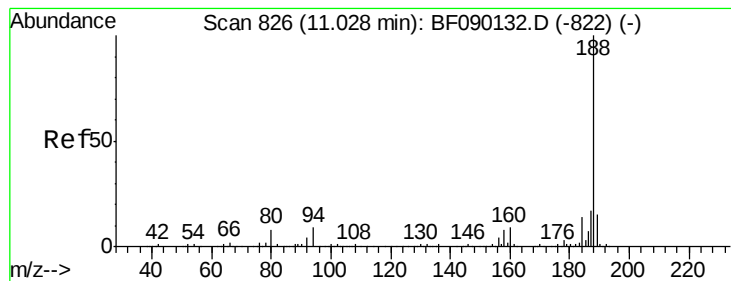
#49
Dimethylphthalate
Concen: 41.25 ng
RT: 9.22 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF090314.D
Acq: 30 Sep 2016 15:19

Tgt Ion:163 Resp: 755135
Ion Ratio Lower Upper
163 100
194 3.0 2.8 4.2
164 10.7 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.95 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF090314.D

Acq: 30 Sep 2016 15:19

Instrument :

BNA_F

ClientSampleId :

SUP-B046-6-9

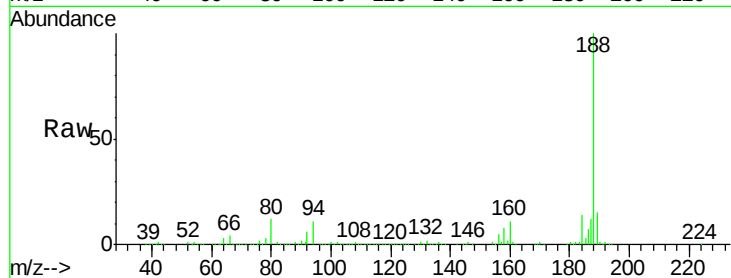
Tot Ion:188 Resp: 447653

Ion Ratio Lower Upper

188 100

94 11.1 10.5 15.7

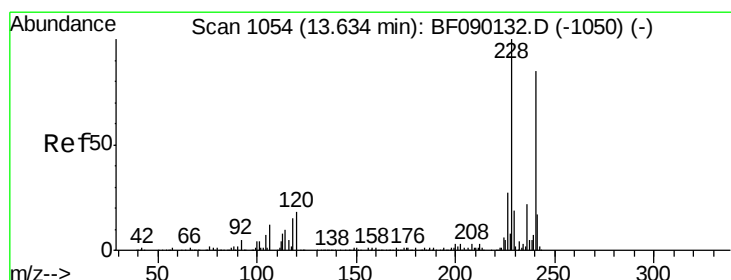
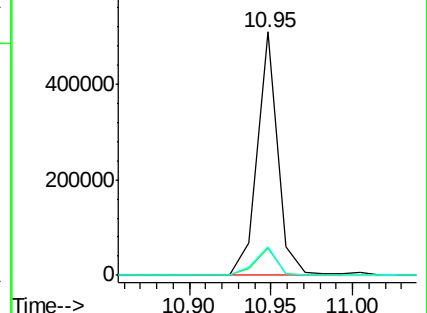
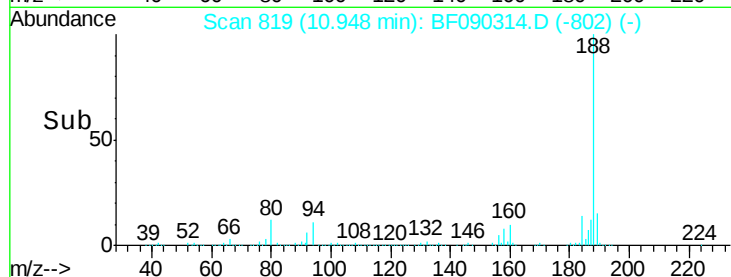
80 12.0 11.2 16.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.55 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF090314.D

Acq: 30 Sep 2016 15:19

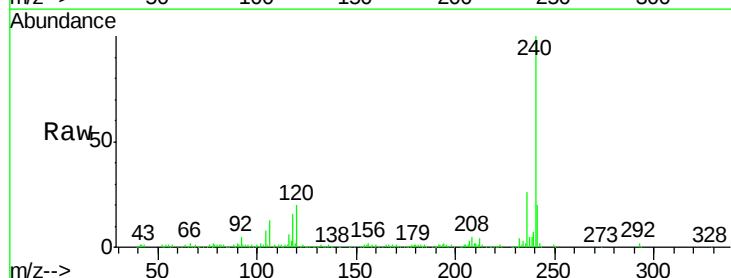
Tgt Ion:240 Resp: 306540

Ion Ratio Lower Upper

240 100

120 20.0 10.6 16.0#

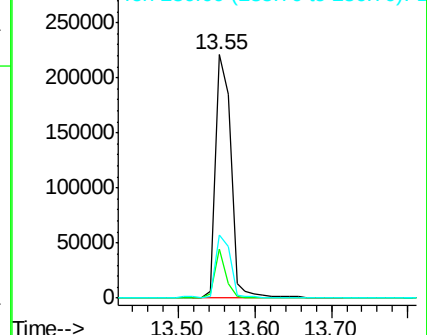
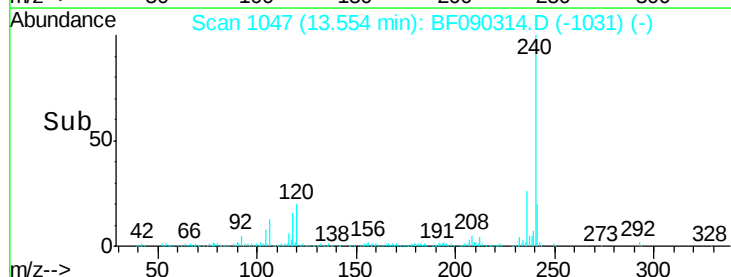
236 26.1 21.6 32.4

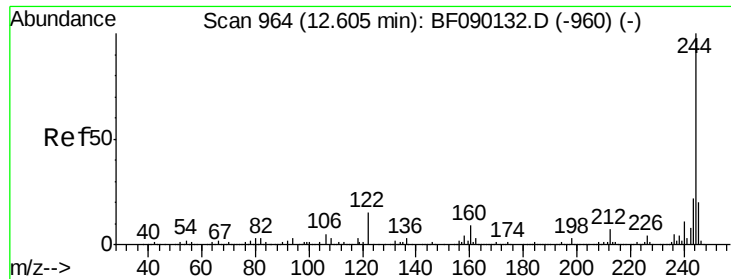


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

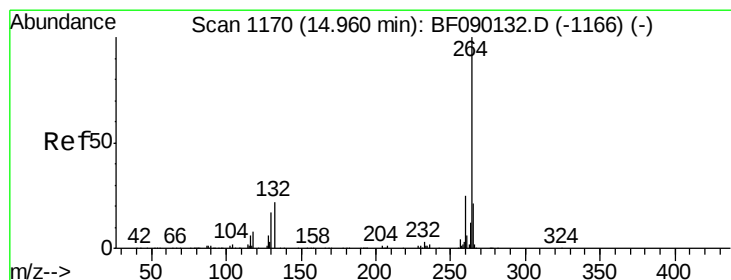
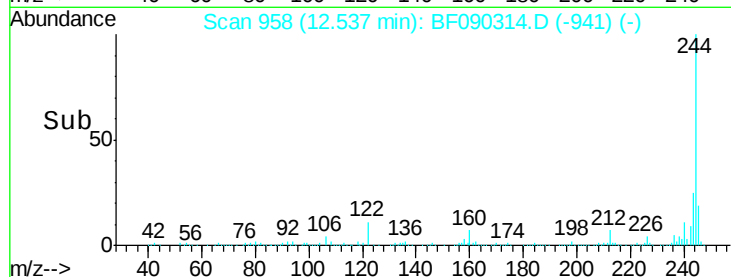
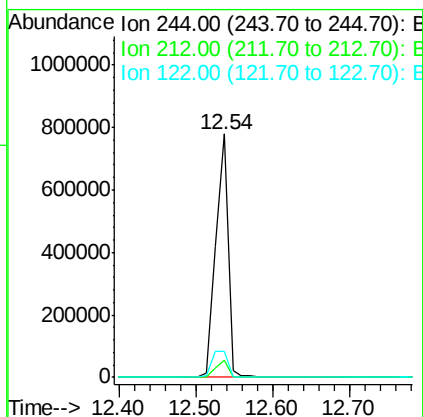
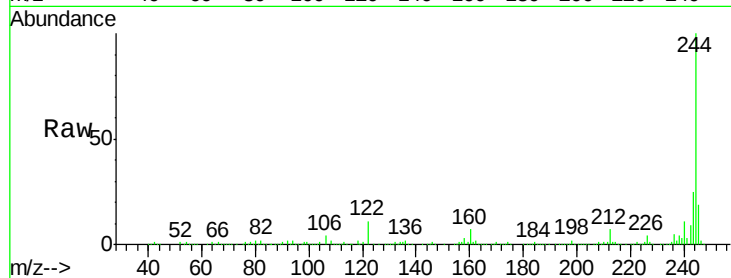




#78
 Terphenyl-d14
 Concen: 71.73 ng
 RT: 12.54 min Scan# 958
 Delta R.T. -0.00 min
 Lab File: BF090314.D
 Acq: 30 Sep 2016 15:19

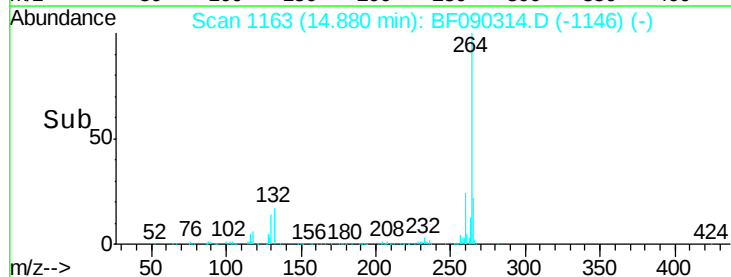
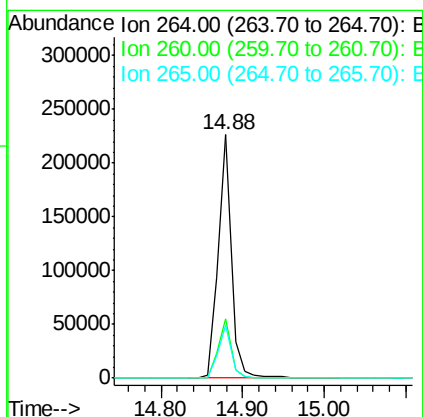
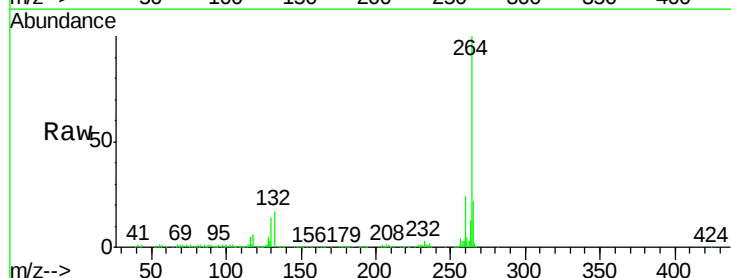
Instrument :
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 SUP-B046-6-9

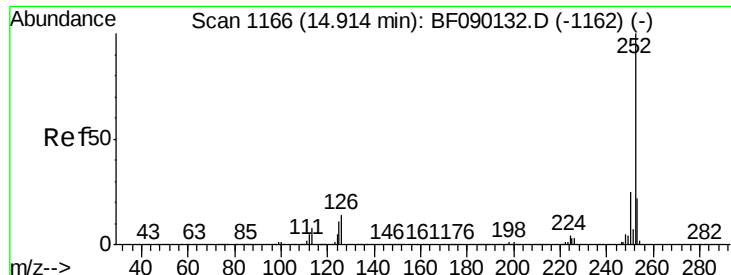
Tot Ion:244 Resp: 866094
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 10.8 9.4 14.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.88 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF090314.D
 Acq: 30 Sep 2016 15:19

Tgt Ion:264 Resp: 256309
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 21.8 17.0 25.4





#89

Benzo(a)pyrene

Concen: 2.86 ng

RT: 14.90 min Scan# 1165

Delta R.T. 0.07 min

Lab File: BF090314.D

Acq: 30 Sep 2016 15:19

Instrument :

BNA_F

ClientSampleId :

SUP-B046-6-9

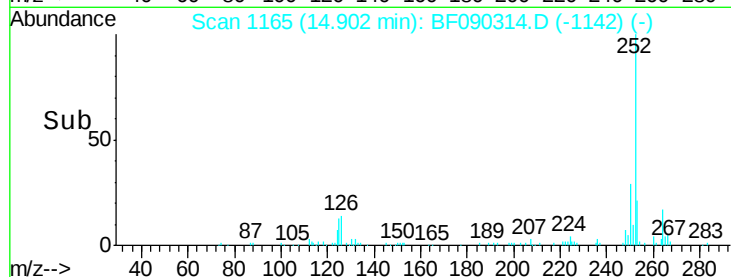
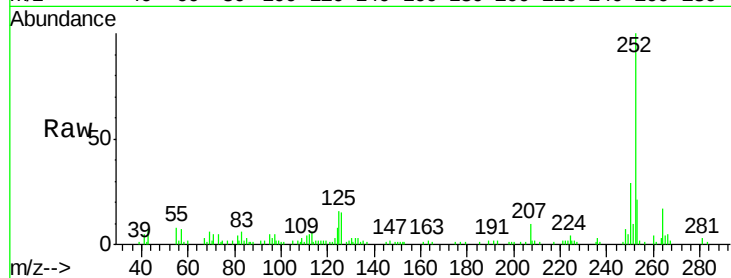
Tot Ion: 252 Resp: 38186

Ion Ratio Lower Upper

252 100

253 21.1 17.4 26.0

125 16.0 7.7 11.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

